

## ABSTRACT OF THE DISCLOSURE

The present invention relates to methods for the detection of polymorphisms by substituting a base-modified nucleotide for a natural nucleotide in a polynucleotide.

- 5 The base-modified nucleotide renders the polynucleotide more susceptible to cleavage at the sites of its incorporation than site consisting of natural nucleotides. The fragments obtained are then analyzed to determine the presence or absence of a polymorphism.